

## ABSTRACT OF THE DISCLOSURE

5 A multifunction remote keyless entry system is provided that increases functionality of the transmitter without increasing the size of the transmitter unit by having certain buttons on the transmitter perform multiple functions based on the distance from the vehicle. More specifically, actuation of a button on the portable transmitter unit triggers operation of a first designated function if the transmitter is outside a predetermined range from the vehicle. Actuation of the same button within the predetermined range will trigger operation of a second designated function. Thus, one button performs at least two functions depending on the distance the user is from the vehicle. In a further embodiment, the same button could trigger operation of a set of different functions as a function of multiple, concentric zones around the vehicle.

10